

IN THE CLAIMS:

10. (Cancelled)

11. (Cancelled)

12. (Presently Amended) A paint and coating material system of ~~Claim 40~~
comprising

a) at least one solid component comprising at least one organic or inorganic white, black or chromatic pigment, organic or inorganic fillers, or mixtures thereof and

b) at least one binder component.

wherein the components of the system produce an aqueous dispersion having a particle size of <60 µm (determined in accordance with ISO 1524: 1983) in water, with a specific energy input of less than 150 J/cm³, based on the sum of the volumes of the components and water, and wherein the solid component a) is in granular form having an average particle size of 20 – 5000 µm, determined from the mass distribution.

13. (Presently Amended) The paint and coating material system of Claim ~~40~~ 12 wherein the average particle size is 50 – 2000 µm.

14. The paint and coating material system of Claim ~~40~~ 12 wherein the average particle size is 100 – 500 µm.

15. (Presently Amended) The paint and coating material system of Claim ~~40~~ 12, comprising

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from 1 to 95% by weight of the solid component a)
from 0.1 to 60% by weight of the binder component b) in solid or liquid form
and
from 4.9 to 98.9% by weight of water, based in each case on the paint and
coating material system.

16. (Presently Amended) The paint and coating material system of Claim
~~40~~ 12 further comprising a component c), which is a water-soluble or water-miscible
organic solvent.

17. (Presently Amended) The paint and coating material system of Claim
~~40~~ 12 wherein the solid component a) is obtained by wet comminution of the
pigments and/or fillers in their solid form or as an aqueous or aqueous-organic
suspension, optionally in the presence of an additive, and then drying them.

18. (Presently Amended) The paint and coating material system of Claim
~~40~~ 12 wherein the solid component a) is obtained by spray drying.

19. The paint and coating material system of Claim 18 wherein the spray
drying is performed in single-fluid or two-fluid spray dryers.

20. (Presently Amended) The paint and coating material system according
to Claim ~~40~~ 12 wherein the solid component a) is obtained by freeze drying.

21. (Presently Amended) A process for painting and coating materials
comprising applying an effective amount of the paint and coating material system of
Claim ~~40~~ 12 on metal, wood, paper, coating slips, wallpaper, leather, nonwovens
and textiles to provide a decorative or protective coating thereon.—